

AMAR PARMAR

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OBJECTIVE	To work on projects that fully utilizes my engineering and managerial skills.		
EDUCATION	Louisiana State University, Baton Rouge, LA		
	Bachelor of Science with	<i>Summa Cum Laude</i> : December 2001	
	Cumulative GPA:	3.90	
	Computer Science GPA:	4.00 (Major), Mathematics GPA:	3.83 (Minor)
COMPUTING SKILLS	Programming Languages –C/C++/C#, Java, Visual Basic, VB.NET, Assembly, LISP, Prolog.		
	Databases - MySQL, Access, Oracle, Palm Databases, ODBC connectivity.		
	Scripting – Ruby, Ruby on Rails, HTML, ASP, JavaScript, VBScript, Mathematica, Maple.		
	OS - Win NT/2000/XP/CE/Mobile, Palm OS, Sun Solaris and basic Linux/Unix.		
	Technologies – UPnP, BACnet, SIP, SDP, RTP, RTCP, AMX, Premise and Home Automation.		
EXPERIENCE	Principal, <i>Energy Plus Automation/SMC</i>, Santa Rosa, CA		2005-Now
	<ul style="list-style-type: none">• Leadership: Lead a team of 6 to cater to lighting projects across the West Coast.• Management: Negotiated contracts and set policies. Made the company more profitable.• Innovation: Created the Linkx portal which increases efficiency of small to medium businesses.• Engineering: Responsible for the creation of an automation router and media server.		
	Design and Development Engineer, Lutron, Coopersburg, PA		2002-2005
	<ul style="list-style-type: none">• Lighting software: Created software that is used to setup daylighting and residential systems• Application Framework: Led a team of 4 to create frameworks for Windows and Palm apps.• UPnP Prototype: Worked with Microsoft to create a prototype Win CE UPnP bridge.• Training/Support: Worked with customers to understand needs, create and support products.• Teamwork: Worked with cross-functional teams to design hardware/software solutions.		
	Director of CS Tutorial Center, <i>CAS</i>, LSU, Baton Rouge, LA		2001-2002
	<ul style="list-style-type: none">• Managed the Louisiana State University Computer Science Tutorial Center.• Worked with Faculty to increase center use from 200 people/semester to 500 people/semester.		
	Random Number Testing Consultant, <i>Louisiana Lotto</i>, Baton Rouge, LA		2000
	<ul style="list-style-type: none">• Member of a 3 person team that performed randomness tests on data from Louisiana Lotto.• The led to an Internal Publication titled "The Randomness of Louisiana Lottery QuickPics" jointly produced with S. AbuHawas, G. Cochran, L. Lurati, F. Neubrandner and Simone Flory.		
	Semantic Meaning Analyzer for Matrices– Senior Year Project		
	For cleanly compiling code, the software analyzed code semantics for logic errors. My tasks in the team of 5 were to create conceptual abstractions and algorithms for semantic meaning analysis.		
RESEARCH PROJECT FOCUS	Application Framework for Lutron		
	Led a team of 4 to create hierarchies within a application. This let us in revamp 80% of the software very quickly to support new hardware and provide users with a consistent look and feel.		
	Daylighting Application for Lutron		
	Led a team of 5 to create a 200+ screen mobile application. The application allowed changing the application flow on the fly. It also allowed the application to be tested automatically.		
	HONORS, AFFILIATIONS AND OTHER SKILLS		
	Patent Pending for work on mobile applications.		
	National Deans List. LSU Deans list in all semesters.		
	Nominated for "Student Employee of the year" at LSU in 2001.		
	Presented paper entitled "The Irrationality of Pi" at the Rose Hulman Undergrad Math Conference.		
	Received Second Best Speaker Award from a group of 140 at the ICIP Model United Nations.		
	Physics Honors Society.		
	Fluent in Swahili, Hindi and Gujarati.		